APPENDIX D

Correspondence with the Natural Resource Conservation Service

U.S. Department of Agriculture

FARMLAND CONVERSION IMPACT RATING

The state of the s		ate Of Land Evaluat	ion Request			
(Name Of Project Cover Flood Reduction Study		ederal Agency Involv	eral Agency Involved Corps of Eagreers			
Proposed Land Use Levre / Rifarian habitet	C	ounty And State	610 (sun	tu Col	<u></u>	
	D .	ate Request Receive	By SCS		7	
Does the site contain prime, unique, statewide or local importa	nt farmland	172 - See Yest	No Acres Irriga	ited. Average Far		
					turke Taliga	
Acres:			Amount O	Farmland As Dei	ined in FP	
Name Of Land Evaluation System Used Name Of Local	Site Assessn	nent System		Evaluation Return		
PART III (To be completed by Federal Agency)	and the second second second	man againmaga aga		e Site Rating		
A. Total Acres To Be Converted Directly		Site A	Site B	Site C	Site	
B. Total Acres To Be Converted Indirectly		234.5	123.5	·		
C. Total Acres In Site		723.3	125,4	<u> </u>	ļ	
	restauras de s	731.6		Control of the Control	3 325 582-15-15	
PART_IV_fig be completed by SCS/=Land=Evaluation Information		不包括某些对抗性 创作。		"新 ",是	1	
A.: Total Acres Prime And Unique Farmland	A Park Brown	70 LOG		350	14	
B. Total Acres Statewide And Local Important Farmland			44 64		100	
C. Percentage Of Farmland In County Or Local Govt Unit To B	e Convertec	20 - 20 - 10 - 10 - 10 - 10 - 10 - 10 -	· 1988		· 海	
StD1: Percentage Ot Farmland In Govt: Jurisdiction With Same Octioner PART-VITTE be combleted by SCS). Land Evaluation Criterion:	Helative Val	ue () () () () () ()	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	建物学 學		
**Relative Value Of Farmland To Be Converted (Scale of O to	100 Points	,			4.00	
PART VI (To be completed by Federal Agency)	T T		11	1.3		
Site Assessment Criteria (These criteria are explained in 7 CFR 658.5(b)	Maximum Points					
1. Area In Nonurban Use				 		
2. Perimeter In Nonurban Use						
3. Percent Of Site Being Farmed						
Protection Provided By State And Local Government			war and the same			
5. Distance From Urban Builtup Area						
6. Distance To Urban Support Services						
7. Size Of Present Farm Unit Compared To Average						
8. Creation Of Nonfarmable Farmland						
Availability Of Farm Support Services						
10. On-Farm Investments						
11. Effects Of Conversion On Farm Support Services						
12. Compatibility With Existing Agricultural Use						
TOTAL SITE ASSESSMENT POINTS	160					
PART VII (To be completed by Federal Agency)						
Relative Value Of Farmland (From Part V)	100			100		
Total Site Assessment (From Part VI above or a local site assessment)	160				77,35	
TOTAL POINTS (Total of above 2 lines)	260		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Site Selected: Date Of Selection			Was A Local Sit	e Assessment Use	d?	



Natural Resources Conservation Service 221 W. Court Suite 1 Woodland, CA 95695 (530) 662-2037 X 3 Phil.Hogan@ca.usda.gov

September 6, 2001

John Downs CDM Federal Programs Corporation 2151 River Plaza Drive Suite 200 Sacramento, CA 95833

CLIENT ____/80/ PROJECT _____00 9 FILED _____5:/

Dear Mr. Downs:

We received Form AD-1006 (Farmland Conversion Impact Rating) for the project named "Lower Cache Creek Flood Reduction Study" from you sometime during the week of August 27. I was on travel in San Diego that week.

I will return the AD-1006 to you within 10 working days. I should then have the form returned to you no later than September 14.

Thank you for your cooperation in protecting the farmland resources of Yolo County.

If you have any questions, please contact to me.

Sincerely yours

signed

PHIL HOGAN
District Conservationist



Natural Resources Conservation Service 221 W. Court Suite 1 Woodland, CA 95695 (530) 662-2037 X 3 Phil.Hogan@ca.usda.gov

Tuesday, September 18, 2001

Mr. John Downs CDM Federal Programs Corporation 2151 River Plaza Drive Ste 200 Sacramento, CA 95833

Dear Mr. Down's:

Please find enclosed a copy of the following:

- 1) Form 1006, Farmland Conversion Impact Rating
- 2) Soils Map for Project Area
- 3) Documentation for Part II and IV for the 1006 form.

AD1006 Documentation for Cache Creek Setback Levee and Overflow Barrier

SITE A

Section A, Setback Levee

Soil Symbol	Acres	Storie Index	Category
BrA	13.00	81	Prime
Sn	10.00	25	Local Important
Ya	257.00	100	Prime
TOTAL	280.00 acre	5	

Section B, Setback Levee

Soil Symbol	Acres	Storie Index	Category	
Ra	284.20	100	Prime	
Ya	49.00	100	Prime	

TOTAL

333.20 acres

RECEIVED

SEP 2.0 2001

AD-1006, CDM, Cache Creek Setback Levees & Overflow Barrier

Section C, Setback Levee

Soil Symbol	Acres	Storie Index	Category
Lg	68.00	81	PRIME
Lm	16.00	59	LOCAL IMPORTANT
Ra	118.50	100	PRIME
Sn	12.00	25	LOCAL IMPORTANT
Sp Tc	3.00	90	PRIME
Тс	14.00	81	PRIME
Ya	16.00	100	PRIME
TOTAL	247.50 acres		

Section D, Setback Levee

Soil Symbol	Acres	Storie Index	Category
Lg	22.00	81	PRIME
Mb	41.00	90	PRIME
Md	23.00	81	PRIME
Mo	<u>11.10</u>	65	PRIME
TOTAL	97.10 acres		

Total Sections A-D, Setback Levee

Soil Symbol	Acres	Storie Index Category	
BrA	13.00	81 PRIME	
Lg	90.00	81 PRIME	
Lm	16.00	59 LOCAL IN	PORTANT
Mb	41.00	90 PRIME	
Md	23.00	81 PRIME	
Mo	11.10	65 PRIME	
Ra	402.70	100 PRIME	
Sn	22.00	25 LOCAL IM	IPORTANT
Sp	3.00	90 PRIME	
Tc	14.00	81 PRIME	
Ya	322.00	100 PRIME	

TOTAL

957.80 acres

AD-1006, CDM, Cache Creek Setback Levees & Overflow Barrier

PART IVC

Acres to be converted/acres farmland in county X 100 = 957.8/420,771 X 100 = .23%

PART V

Soil Symbol	Acres	Storie Index	Product
BrA	13.00	81	1053.00
Lg	90.00	81	7290.00
Lm	16.00	59	944.00
Mb	41.00	90	3690.00
Md	23.00	81	1863.00
Mo	11.10	65	721.50
Ra	402.70	100	40270.00
Sn	22.00	25	550.00
Sp	3.00	90	270.00
Tc	14.00	81	1134.00
Ya	322.00	100	32200.00
TOTAL	957.80 acres	.	89985.50

89985.50/957.80 = 93.90 or 94

PART IVD

Acres to be converted/acres with soils with Storie Index 94 or higher.

Soil Symbol	Storie Index	Acres in County
Ra	100	5,080
Ya	100	42,422
Za	95	<u>3,476</u>
TOTAL		50,978 acres

⁺⁺ (correlating with 1006 form): Percentage of farmland in government jurisdiction with same or relative higher value = $50,978/420,771 \times 100 = 12\%$.

⁺Percentage of farmland to be converted with same or relative higher value = $957.8/50,978 \times 100 = 2\%$

SITE B, Overflow Barrier

Soil Symbol	Acres	Storie Index	Category
BrA	17.00	81	PRIME
Ca	.90	50	PRIME
Lg	1.40	81	PRIME
Mb	1.40	90	PRIME
Md	9.40	81	PRIME
Mo	41.90	65	PRIME
Ra	1.40	100	PRIME
Sn	3.30	25	LOCAL IMPORTANT
St	6.50	<i>77</i>	PRIME
Tc	3.30	81	PRIME
Wb	.43	29	STATEWIDE IMPORTAN
Ya	27.60	100	PRIME
Yb	7.90	90	PRIME
Wastewater Area (Ma)	2	2.80	

TOTAL

125.40 acres

PART IVC

Acres to be converted/acres farmland in county X 100 = 125.4/420,771 X 100 = .03%

PART V

Soil Symbol	Acres	Storie Index	Product
BrA	17.00	81	1377.00
Ca	.90	50	45.00
Lg	1.40	81	113.40
Mb	1.40	90	126.00
Md	9.40	81	761.40
Mo	41.90	65	2723.50
Ra	1.40	100	140.00

Phil Hogan

Page 4

09/18/01

AD-1006, CDM, Cache Creek Setback Levees & Overflow Barrier

2.	.80	-		
7.90	90		711.00	
27.60	100		2760.00	
.43	29		12.47	
3.30	81		267.30	
6.50	<i>77</i>		500.50	
3.30	25		82.50	
	6.50 3.30 .43 <u>27.60</u> 7.90	6.50 77 3.30 81 .43 29 27.60 100	6.50 77 3.30 81 .43 29 27.60 100 7.90 90	6.50 77 500.50 3.30 81 267.30 .43 29 12.47 27.60 100 2760.00 7.90 90 711.00

9620.07/125.4 = 77

PART IVD

Acres to be converted/acres with soils with Storie Index 77 or higher.

Soil Symbol	Storie Index	Acres in County
BrA	81	24,663
Lg	81	2,187
Mb	90	1,650
Md	81	1,635
Ra	100	5,080
Sp	90	6,407
ТЪ	<i>77</i>	4,043
Tc	81	1,940
Va	81	552
Vb	77	2,350
Ya	100	42,422
Yb	90	4,983
Za	95	<u>3,476</u>
TOTAL		101,388 acres

⁺⁺ (correlating with 1006 form): Percentage of farmland in government jurisdiction with same or relative higher value = $101,388/420,771 \times 100 = 24\%$.

If there are any questions, please feel free to contact me.

⁺Percentage of farmland to be converted with same or relative higher value = $125.4/101,388 \times 100 = .12\%$

AD-1006, CDM, Cache Creek Setback Levees & Overflow Barrier

Sincerely yours

PHIL HOGAN
District Conservationist

Phil Hogan

	U.S. Department	of Agriculture				Industrial Section	
F	ARMLAND CONVERSI		ATING				
PART I (To be completed by Federal Agent	Control Manager Strategic Control Control		n Request August 17, 2001				
Name of Project Lower Cache Creek Flood		ederal Agency Involve	d U.S. Army	Corps of Eng	ineers		
		County and State Yold	County, Cali	ornia			
PART II (To be completed by NRCS)		ate Request Received	By NRCS We	ek of August	27, 2001		
Does the site contain prime, unique, statewide or local important farmland?			Acres	migated ***	Average Farm Size		
(If no, the FPPA does not apply - do not cor	nplete additional parts of this form)		234	,112		569	
Major Crop(s) Tomatoes, rice, corn, whea wine grapes	t, Farmable Land In Govt. Jur Acres: 420,771	isdiction	Acres: 42	Farmland As (0,771		64.3 %	
Name of Land Evaluation System Used	Name of Local Site Assess	ment System	Date Land	Evaluation Re	turned by N	RCS	
Storie Index	LAFCO LESA (not used for	or this evaluation)	Tuesday, S	September 18	a to could not sequence.		
PART III (To be completed by Federal Age	ncy)		0::- 1	Alternative		Site D	
A, Total Acres To Be Converted Directly			Site A 234.5	Site B 123.5	Site C	Site D	
B. Total Acres To Be Converted Indirectly			723.3	0			
C. Total Acres In Site			957.8	125.4			
PART IV (To be completed by NRCS) Lan	d Evaluation Information				1000		
A. Total Acres Prime And Unique Farmland			919.80	121.67	ene con compa		
B. Total Acres Statewide Important or Local			38.0	3.73			
C. Percentage Of Farmland in County Or Lo	Notice to the contract of the	NAID AND RESERVE AND FRANCISCO CONTRACTOR OF THE PER	.23%			100	
D. Percentage Of Farmland in Govt. Jurisdie	Section temporary color sections was real temporary fact that it was a section of the section	Control of the Contro	2%	.12%			
PART V (To be completed by NRCS) Land	A SERVICE OF THE SERVICE OF THE SERVICE OF THE SERVICE OF	e de la companya de			ara a se se s		
Relative Value of Farmland To Be Co	Carried William Programmer		94	77			
PART VI (To be completed by Federal Age	ncy)	Maximum					
Site Assessment Criteria (These criteria are	explained in 7 CFR 658.5 b)	Points					
Area In Non-urban Use		15					
Perimeter In Non-urban Use		10					
Percent Of Site Being Farmed		20			:		
Protection Provided By State and Local (Government	20					
5. Distance From Urban Built-up Area		15					
Distance To Urban Support Services		15			•		
Size Of Present Farm Unit Compared To	Average	10					
Creation Of Non-farmable Farmland		10					
Availability Of Farm Support Services		5					
10. On-Farm investments 20							
11. Effects Of Conversion On Farm Support Services 10							
12. Compatibility With Existing Agricultural Use 10							
TOTAL SITE ASSESSMENT POINTS		160					
PART VII (To be completed by Federal Age	ency)						
Relative Value Of Farmland (From Part V)	W-14	100					
Total Site Assessment (From Part VI above	or local site assessment)	160					
TOTAL POINTS (Total of above 2 lines)		260	1				
Site Selected:	Date Of Selection		1	I Site Assess	ment Used?		
Reason For Selection:							

Reason For Selection

Sites with scores of 159 and lower should receive consideration for project status. Sites with 160 and above reflect the higher quality farmland.

(See Instructions on reverse side)

Form AD-1006 (10-83)

CDM Camp Dresser & McKee Inc.

cor sulting engli eering consi uction ope atlons 2151 River Plaza Drive, Suite 200 Sacramento, California 95833 Tel: 916 567-9900 Fax: 916 567-9905

November 28, 2001

Mr. Phil Hogan United States Department of Agriculture Natural Resources Conservation Service 221 W. Court Suite 1 Woodland, CA 95695

Subject:

Farmland Conversion Impact Rating

Dear Mr. Hogan:

About 3 months ago, you returned the Farmland Conversion Impact Rating form to John Downs so that he could complete Parts VI and VII for alternatives A and B. Since then, a third alternative at the site has developed.

Enclosed is the Impact Rating form with Part III completed for alternative C. It is still unclear whether the land confined by the levees will be considered uneconomic remnants or will remain farmable. For Part IIIB, acres to be converted indirectly, I have supplied a worse case scenario number, assuming all confined land to be converted. Part VI has been completed for all three alternatives. Also enclosed is a map of the proposed alternative C.

If you have any questions, you can reach John Downs or myself at (916) 567-9900.

Very truly yours,

CAMP DRESSER & McKEE INC.

Michelle Rothman

Michelle Rothman

PART I (To be completed by Federal Agency)		Date Of La	and Evaluatio	on Request August 17, 2001			
Name of Project Lower Cache Creek Flood Reduction	on Study	Federal A	gency involve	ed U.S. Army Corps of Engineers			_
Proposed Land Use Flood Control Levee/Riparian	Habitat	County an	d State Yold	County, Cal	lfornia		
PART II To be completed by NRCS)		Date Requ	est Receive	By NRCS W	eek of Augu:	st 27, 2001	
Does the site contain prime, unique, statewide or loc	al important familiand?	****YI	S. NO	Acres	inigated	Average	Ę
[If no, the FPPA does not apply - do not complete as	The contract of the contract o	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW		23	4,112		56
Major Cr. p(s) Tomatoes, rice, corn; wheat,	creating the decide accesses a corp. president	Jurisdiction				Defined in Fi	
. Party is not to the control of the	Acres: 420,771			THE RESIDENCE OF THE PROPERTY	Company of the Company		
图图的特殊,1992年6月17日,至于1994年,2012年2月20日,1992年2月20日,1992年2月18日,1992年2月18日,1992年2月18日,	lame of Local Site Asse	SOUND THE RESERVE OF THE SECOND	はないの名は世界の他のでは	marting to a media. White	Control of the Contro	eturned by Ni	R
south Company and a contract of the second contract of the contract of the contract second second second second	AFCO LESA (not used	l for this ev	iluation),	Tuesday,	September 1	Victoria control de Missission de	1
PART III To be completed by Federal Agency)				Site A	Site B	Site Rating	Т
A. Total Acres To Be Converted Directly				234.5	123.5	279.1	1
B. Total Acres To Be Converted Indirectly				723.3	0	1624.5	I
C. Total Acres in Site				957.8	125.4	1903.6	I
PART IV (To be completed by NRCS) Land Evaluat				File Car		La de Santa Carre	
A. Total A cres. Prime And Unique Farmland	and the second second			919.80	-121.67		1
S. Total Acres Statewide Important or Local Importar			Tempo (1975)	38.0	3.73	1.02	Ť
C. Percen age Of Farmland in County Or Local Govt				.23%	- ,:03%	74. Fúid	Ť
;;O. Percentage Of Farmland in GoyL Jurisdiction With		ve Value		2%	12%	1 2 2 2 2 3	
PART V (To be completed by NRCS) Land Evaluation					1019 1134A	17520 je	1
Re ative Value of Farmland To Be Converted (Scale of 0 to 100 Points						ı
PART VI To be completed by Federal Agency)		•	Maximum			I THE STATE OF THE	ľ
Site Asset sment Criteria (These criteria are explaine	d in 7 CFR 658.5 b)		Points				1
1. Area ir Non-urban Use	•	· .	15	14	и	14	t
2. Perimeter in Non-urban Use			10	10	8	10	t
3. Percen: Of Site Being Farmed			20	20	17	20	T
4. Protect on Provided By State and Local Governme	ent		20	20	20	20.	r
5. Distance From Urban Built-up Area			15	_	-	,	ŀ
6. Distance To Urban Support Services			15			-	Г
7. Size Of Present Farm Unit Compared To Average			10	10	0	10	Ĺ
8. Creation Of Non-farmable Farmland 9. Availability Of Farm Support Services			10	<i>2</i> 5	0	5	L
10. On-Fa m Investments	·		5	0	0	3	Ĺ
11. Effects Of Conversion On Farm Support Services			20	. 0	0	10	L
12. Compt tibility With Existing Agricultural Use		· ·	10	5	0	10	_
TOTAL SI'E ASSESSMENT POINTS			160	5	5	5	_
PART VII (To be completed by Federal Agency)	.			109	(0)	107	_
Relative Villue Of Farmland (From Part V)	·		45-			·	
Total Site Assessment (From Part VI above or local sit	ta annoneme -4		100	94	77		
TOTAL PC INTS (Total of above 2 lines)	च वडडएडडागर्स्तर)		160 260	109	(0)	107	_
The production of the state of			200	203 Was A Loca	138 Site Assessr	nent Unad?	_
Site Selected: Date Of S	Selection					NO 🖾	
Reason For Selection:							_
Sites with so res of 159 and lower should receive consid	leration for project status	s. Sites with	160 and abo	we reflect the	higher quality	farmland.	



Natural Resources Conservation Service 221 W. Court Suite 1 Woodland, CA 95695 (530) 662-2037 X 3 Phil.Hogan@ca.usda.gov

RE: Cache Creek Setback Levee, Alternative C, Minimum Slope Protection Setback Levee

Tuesday, January 22, 2002

Mr. John Downs CDM Federal Programs Corporation 2151 River Plaza Drive Ste 200 Sacramento, CA 95833

Dear Mr. Downs:

Please find enclosed a copy of the following:

- 1) Form 1006, Farmland Conversion Impact Rating
- 2) Soils Map for Project Area
- 3) Documentation for Part II and IV for the 1006 form.

AD1006 Documentation for Cache Creek Setback Levee, Alternative C, Minimum Slope Protection Setback Levee Alternative

SITE A

Section A, Setback Levee

Soil Symbol	Acres	Storie Index	Category
BrA	13.00	81	Prime
Sn	10.00	25	Local Important
Ya	726.80	100	Prime
Yb	31.00	90	Prime
TOTAL	780.80 acres		

Section B, Setback Levee

AD-1006, CDM, Cache Creek Setback Levees, ALT C Addendum

Soil Symbol	Acres	Storie Index	Category
Ra	400.00	100	Prime
Sp	8.00	90	Prime
Ŷa	211.10	100	Prime
TOTAL	619.10 acres		

Section C, Setback Levee

Soil Symbol	Acres	Storie Index	Category
Lg	78.00	81	PRIME
Lm	34.00	59	LOCAL IMPORTANT
Ra	172.50	100	PRIME
Sn	22.00	25	LOCAL IMPORTANT
Sp	13.00	90	PRIME
Tc	29.00	81	PRIME
Ya	26.00	100	PRIME

TOTAL 314.50 acres

Section D, Setback Levee

Soil Symbol	Acres	Storie Index	Category
Lg	52.00	81	PRIME
Mb	41.00	90	PRIME
Md	23.00	81	PRIME
Mo	11.10	65	PRIME
TOTAL	127.10 acres		

Total Sections A-D, Setback Levee

Soil Symbol	Acres	Storie Index	Category
BrA	13.00	81	PRIME
Lg	130.00	81	PRIME

AD-1006, CDM, Cache Creek Setback Levees, ALT C Addendum

Lm	34.00	59	LOCAL IMPORTANT
Mb	41.00	90	
Md	23.00	81	PRIME
Mo			PRIME
	11.10	65	PRIME
Ra	572.0	100	PRIME
Sn	32.00	25	LOCAL IMPORTANT
Sp Tc	21.00	90	PRIME
	29.00	81	PRIME
Ya	963.90	100	PRIME
Yb	31.00	90	PRIME
TOTAL	1901.00 acre	es	

PART IVC

Acres to be converted/acres farmland in county X 100 = 1901/420,771 X 100 = .45%

PART V

Soil Symbol	Acres	Storie Index	Product
BrA	13.00	81	1053
Lg	130.00	81	10530
Lm	34.00	59	2006
Mb	41.00	90	3690
Md	23.00	81	1863
Mo	11.10	65	721.5
Ra	572.0	100	57200
Sn	32.00	25	800
Sp Tc	21.00	90	1890
	29.00	81	2349
Ya	963.90	100	96390
Yb	31.00	90	2790
TOTAL	1901.00 acres		181282.5

181282.5/1901 = <u>95</u>

PART IVD

Acres to be converted/acres with soils with Storie Index 95 or higher.

Soil Symbol	Storie Index	Acres in County			
Ra	100	5,080			

AD-1006, CDM, Cache Creek Setback Levees, ALT C Addendum

 Ya
 100
 42,422

 Za
 95
 3,476

 TOTAL
 50,978 acres

++(correlating with 1006 form): Percentage of farmland in government jurisdiction with same or relative higher value = $50,978/420,771 \times 100 = 12\%$.

+Percentage of farmland to be converted with same or relative higher value = 1901.00/50,978 X 100 = 3.7%

If there are any questions, please feel free to contact me.

Sincerely yours

Signed by

PHIL HOGAN
District Conservationist

FARI	U.S. Departme				ATING				
PART I (To be completed by Federal Agency)		Date	e Of Land Evaluation Request August 17, 2001						
Name of Project Lower Cache Creek Flood Redu	ction Study	Federal Agency Involved U.S. Army Corps of Engineers							
Proposed Land Use Flood Control Levee/Riparia		County and State Yolo County, California							
PART II (To be completed by NRCS)		Date Request Received By NRCS Week of August 27, 2001							
Does the site contain prime, unique, statewide or			YES	1			_	Average Farm Size	
(If no, the FPPA does not apply - do not complete					234,112 569 Amount of Farmland As Defined in FPPA				
Major Crop(s) Tomatoes, rice, corn, wheat,	Farmable Land In Govt.	Jurisaic	ction		Acres: 42			64.3 %	
wine grapes	Acres: 420,771 Name of Local Site Asse	aamaal	Cunton	·	1		turned by NR		
Name of Land Evaluation System Used	LAFCO LESA (not used		-		1		3, 2001; ALT		
Storie Index	LAPCO LESA (Hot used	1101 (11	15 evalu		rucsuay, c		Site Rating		
PART III (To be completed by Federal Agency)					Site A	Site B	Site C	Site D	
A. Total Acres To Be Converted Directly					234.5	123.5		1	
B. Total Acres To Be Converted Indirectly					723.3	0			
C. Total Acres In Site					957.8	125.4			
PART IV (To be completed by NRCS) Land Eva	luation Information								
A. Total Acres Prime And Unique Farmland					919.80	121.67	1835		
B. Total Acres Statewide Important or Local Impo	ortant Farmland				38.0	3.73	66		
C. Percentage Of Farmland in County Or Local G	ovt. Unit To Be Converted				.23%	.03%	0.45%		
D. Percentage Of Farmland in Govt. Jurisdiction	With Same Or Higher Relat	ive Val	ue		2%	.12%	++.12%;	+3.7%	
PART V (To be completed by NRCS) Land Eval	uation Criterion				94	77	95		
Relative Value of Farmland To Be Conver	ted (Scale of 0 to 100 Point	s)							
PART VI (To be completed by Federal Agency)				Maximum					
Site Assessment Criteria (These criteria are expla	ained in 7 CFR 658.5 b)			Points					
Area In Non-urban Use				15	 				
2. Perimeter In Non-urban Use				10				-	
3. Percent Of Site Being Farmed				20	<u> </u>				
4. Protection Provided By State and Local Gover	rnment			20					
5. Distance From Urban Built-up Area				15				-	
6. Distance To Urban Support Services	· · · · · · · · · · · · · · · · · · ·			15					
7. Size Of Present Farm Unit Compared To Aver	rage			10			**		
Creation Of Non-farmable Farmland				10					
Availability Of Farm Support Services				5					
10. On-Farm Investments				20					
11. Effects Of Conversion On Farm Support Serv	rices		- 1	10					
12. Compatibility With Existing Agricultural Use				10					
TOTAL SITE ASSESSMENT POINTS				160					
PART VII (To be completed by Federal Agency)									
Relative Value Of Farmland (From Part V) 100									
Total Site Assessment (From Part VI above or local site assessment) 160					-				
TOTAL POINTS (Total of above 2 lines)				260					
Site Selected: Date	Of Selection					I Site Assess	ment Used?		
Reason For Selection:					L			-	
Sites with scores of 159 and lower should receive of	consideration for project stat	tus. Sit	es with	160 and ab	ove reflect the	higher qualit	v farmland.		
Siles that session of 100 and 1000 chold receive o	S. S					g., quant	,		
	·		- 3					000 (10 5	
(See Instructions on reverse side)							Form AD-1	UU6 (10-83	

STEPS IN THE PROCESSING THE FARMLAND AND CONVERSION IMPACT RATING FORM

- Step 1 Federal agencies involved in proposed projects that may convert farmland, as defined in the Farmland Protection Policy Act (FPPA) to nonagricultural uses, will initially complete Parts I and III of the form.
- Step 2 Originator will send copies of the form together with appropriate scaled maps indicating locations of site(s), to the Natural Resources Conservation Service (NRCS) local Field Office or USDA Service Center and Retain a copy for their files. (NRCS has a field office in most counties in the U.S. The field offices can usually be found in the Phone Book under U.S. Government, Department of Agriculture. A list of field offices is available from the State Conservationist and State Office in each State.)
- Step 3 NRCS will, within 45 calendar days after receipt of the completed form, make a determination as to whether the site(s) of the proposed project contains prime, unique, statewide or local important farmland.
- Step 4 In cases where farmland covered by the FPPA will be converted by the proposed project, NRCS field offices will complete Parts II, IV and V of the form.
- Step 5 NRCS will return the original copy of the form to the Federal agency involved in the project, and retain a file copy for NRCS records.
- Step 6 The Federal agency involved in the proposed project will complete Parts VI and VII of the form.
- Step 7 The Federal agency involved in the proposed project will make a determination as to whether the proposed conversion is consistent with the FPPA and the agency's internal policies.

INSTRUCTIONS FOR COMPLETING THE FARMLAND CONVERSION IMPACT RATING FORM (For Federal Agency)

Part I: When completing the "County And State" questions, list all the local governments that are responsible for local land use controls where site(s) are to be evaluated.

Part III: When completing item B (Total Acres To Be Converted Indirectly), include the following:

- Acres not being directly converted but that would no longer be capable of being farmed after the conversion, because the
 conversion would restrict access to them.
- Acres planned to receive services from an infrastructure project as indicated in the project justification (e.g. highways, utilities) that will cause a direct conversion.

Part VI: Do not complete Part VI if a local site assessment is used.

Assign the maximum points for each site assessment criterion as shown in § 658.5(b) of CFR. In cases of corridor-type project such as transportation, powerline and flood control, criteria #5 and #6 will not apply and will, be weighted zero, however, criterion #8 will be weighted a maximum of 25 points and criterion #11 a maximum of 25 points.

Individual Federal agencies at the national level, may assign relative weights among the 12 site assessment criteria other than those shown on the FPPA rule. In all cases where other weights are assigned, relative adjustments must be made to maintain the maximum total weight points at 160.

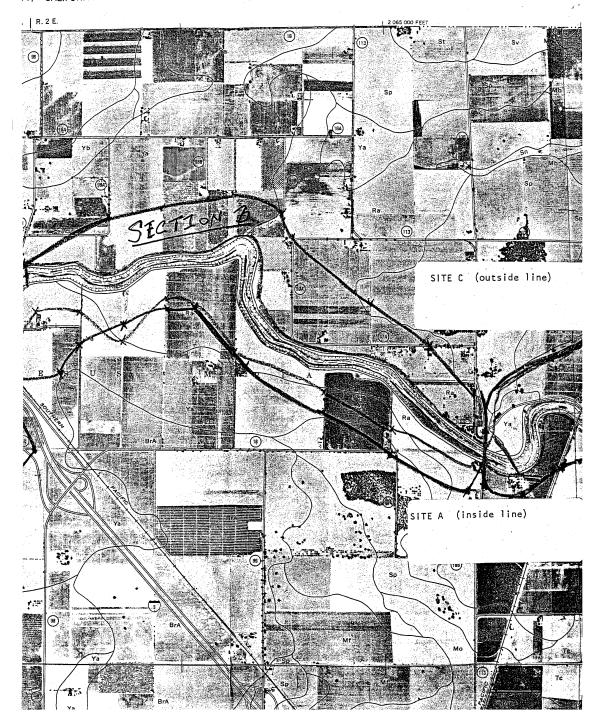
In rating alternative sites, Federal agencies shall consider each of the criteria and assign points within the limits established in the FPPA rule. Sites most suitable for protection under these criteria will receive the highest total scores, and sites least suitable, the lowest scores.

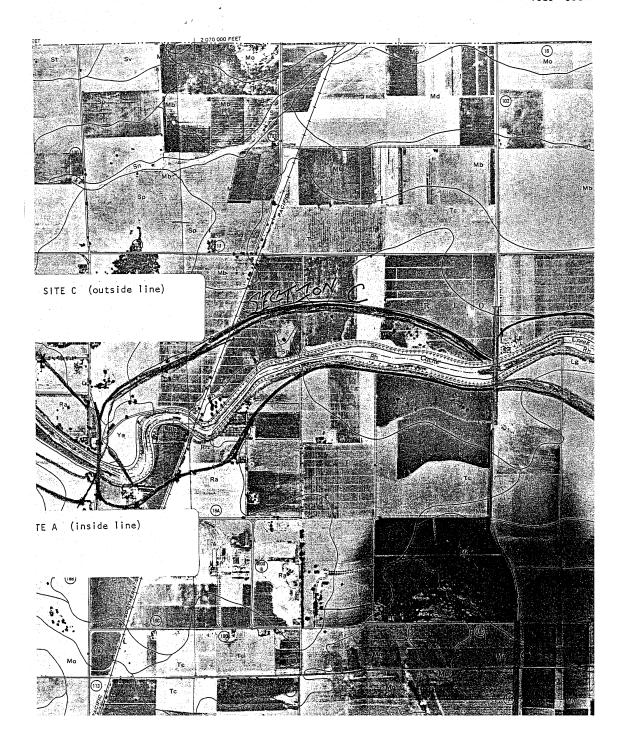
Part VII: In computing the "Total Site Assessment Points" where a State or local site assessment is used and the total maximum number of points is other than 160, adjust the site assessment points to a base of 160. Example: if the Site Assessment maximum is 200 points, and the alternative Site "A" is rated 180 points:

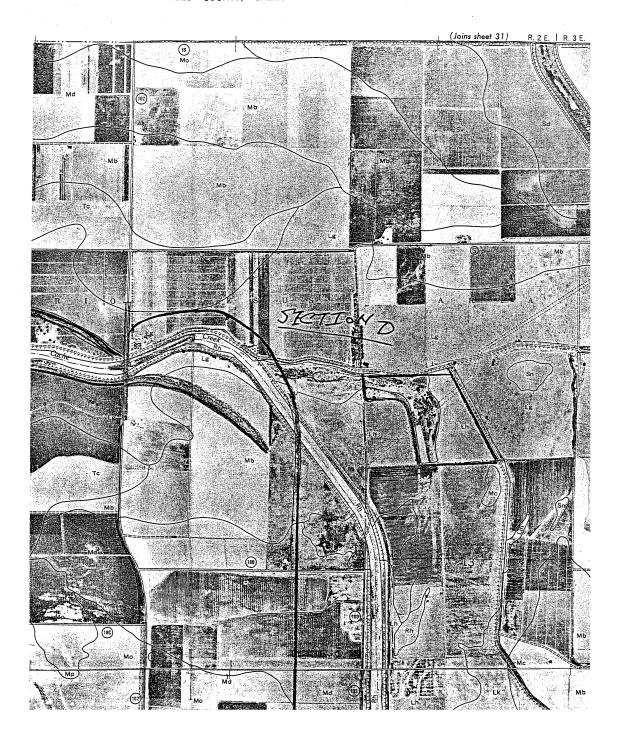
<u>Total points assigned Site A</u> = $\frac{180}{20}$ X 160 = 144 points for Site "A". Maximum points possible 200

For more assistance, contact the local NRCS Field Office or USDA Service Center.

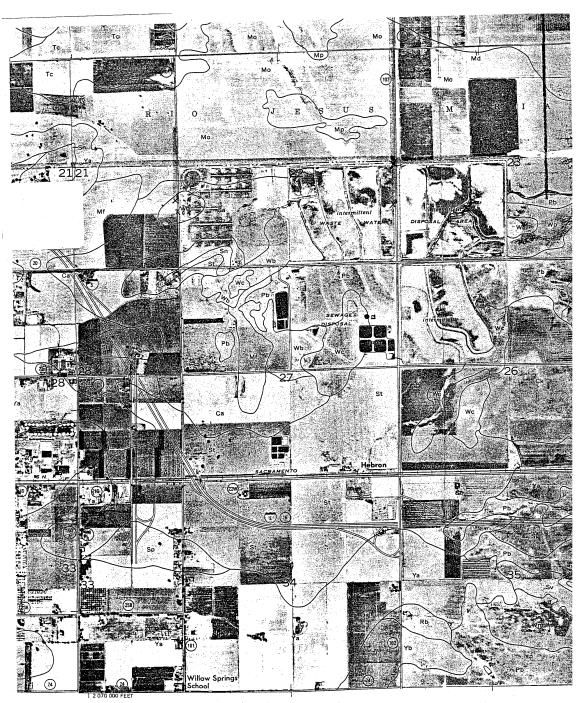
NRCS employees, consult the FPPA Manual and/or policy for instructions to complete the AD-1006 form.











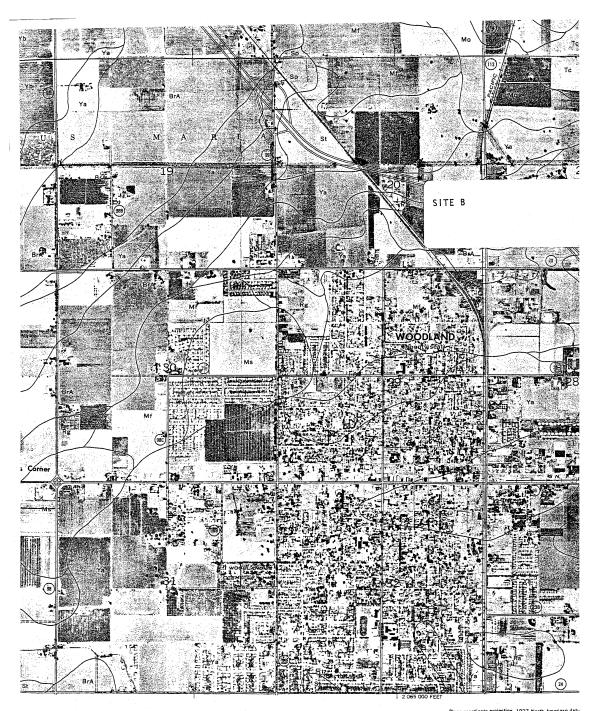
North American datum.

Name coordinate projection, 1927 North American datum.

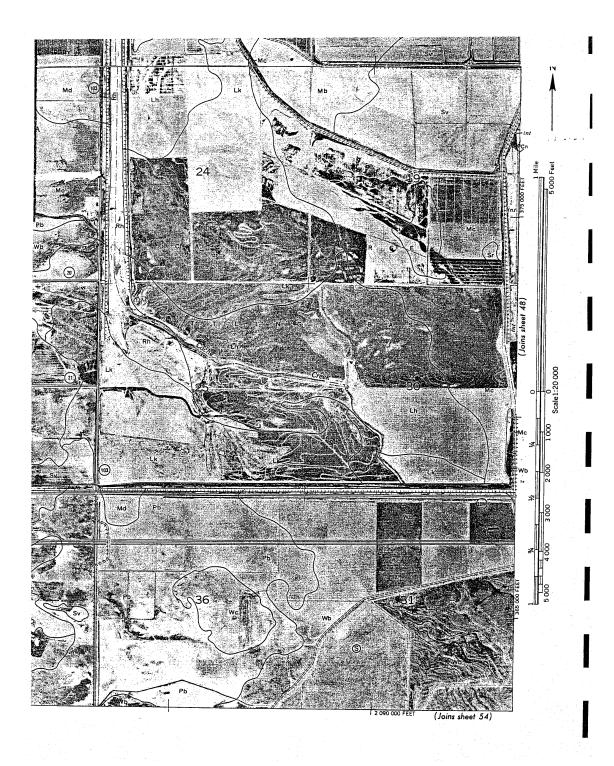
Ildonia coordinate system_{5,000-loot} grid ticks based on California coordinate system, 64 serial photographs.

one 2. Mosaic compiled from 1964 aerial photographs.

1.



Plane coordinate projection. 1927 North American datu 5,000-foot grid ticks based on California coordinate system 2. Mosaic compiled from 1964 aerial photographs



PRIME FARMLAND Section A, Cache Creek Setback Levee

Map symbol	Soil name
BrA	Brentwood silty clay loam, 0 to 2 percent slopes (where irrigated)
Ya	Yolo silt loam (where irrigated)

NONTECHNICAL SOILS DESCRIPTION REPORT Section A, Cache Creek Setback Levee

Map Symbol	Soil name and description
BrA	Brentwood silty clay loam, 0 to 2 percent slopes
	BRENTWOOD SILTY CLAY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-2 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 250-250; AVAILABLE WATER CAPACITY: 10.0-11.4"; WIND EROSION INDEX FACTOR: 38; T FACTOR: 5; K FACTOR: 0.32;
	IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND.
Sn	Soboba gravelly sandy loam
	SOBOBA GRAVELLY SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 260-260; AVAILABLE WATER CAPACITY: 1.4-2.6"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.20; IRRIGATED CAPABILITY: 4S; NONIRRIGATED CAPABILITY: 4S; HYDRIC?: NO; PRIME FARMLAND?: NO; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: NONE LISTED.
ľ a	Yolo silt loam
	YOLO SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 270-270; AVAILABLE WATER CAPACITY: 9.9-11.7"; WIND EROSION INDEX FACTOR: 48; T FACTOR: 5; K FACTOR: 0.43; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NOME; LANDUSE MAY INCLUDE: CROPLAND.

PAGE 1 OF 09/18/0

LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE Section A, Cache Creek Setback Levee

(Yields are those that can be expected under a high level of irrigated management by mapunit name. Absence of a yield indicates that the soil is not suited to the crop or the crop generally is not grown on the soil)

Map symbol and soil name	Land capability	Alfalfa hay	Corn	 Grain sorghum 	Pasture	Rice	Wheat	Almonds
		Tons	Bu	Bu	AUM	Bu	Bu	Lbs
BrA Brentwood							55	500
Sn Soboba	48							
Ya Yolo		8,5	180		1			2,300

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE

PAGE 1 OF 1 09/18/01

PRIME FARMLAND Section B, Cache Creek Setback Levee

Map				Soil na	ıme		
symbol							
Ra Ya	 Reiff very fine sandy Yolo silt loam (where	/ loam (where e irrigated)	irrigated)				

Soil name and description Map

Reiff very fine sandy loam

Yolo silt loam

Symbol

Ra

Υa

Section B, Cache Creek Setback Levee

NONTECHNICAL SOILS DESCRIPTION REPORT

REIFF VERY FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 275-275; AVAILABLE WATER CAPACITY: 8.4-9.6"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.37; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: NONE LISTED.

YOLO SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 270-270; AVAILABLE WATER CAPACITY: 9.9-11.7"; WIND EROSION INDEX FACTOR: 48; T FACTOR: 5; K FACTOR: 0.43; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND.

PAGE 1 OF 09/18/(

LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE Section B, Cache Creek Setback Levee

(Yields are those that can be expected under a high level of irrigated management by mapunit name. Absence of a yield indicates that the soil is not suited to the crop or the crop generally is not grown on the soil)

Map symbol and soil name	Land capability	Alfalfa hay	Corn	 Grain sorghum 	Pasture	Rice	Wheat	Almonds
		Tons	Bu	Bu	AUM	Bu	Bu	Lbs
Ra Reiff	1							
Ya Yolo	1	8.5	180					2,300

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

PAGE 1 OF 1 09/18/01

PRIME FARMLAND Section C, Cache Creek Setback Levee

Map symbol	Soil name
Ra	Reiff very fine sandy loam (where irrigated)
Ya	Yolo silt loam (where irrigated)
Lg	Laugenour very fine sandy loam (where irrigated)
Sp	Sycamore silt loam, drained (where irrigated)
Tc	Tyndall very fine sandy loam, drained (where irrigated)

Section C, Cache Creek Setback Levee

Map Soil name and description Symbol |

Reiff very fine sandy loam

Laugenour very fine sandy loam

Yolo silt loam

LISTED.

Loamy Alluvial Land

Ra

Υa

Ĺд

Lm

NONTECHNICAL SOILS DESCRIPTION REPORT

REIFF VERY FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 275-275; AVAILABLE WATER CAPACITY: 8.4-9.6"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.37; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: NONE LISTED.

YOLO SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 270-270; AVAILABLE WATER CAPACITY: 9.9-11.7"; WIND EROSION INDEX FACTOR: 48; T FACTOR: 5; K FACTOR: 0.43; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND.

LAUGENOUR VERY FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 280-280; AVAILABLE WATER CAPACITY: 6.0-8.8"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.37; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: NONE

NONTECHNICAL SOILS DESCRIPTION REPORT Section C, Cache Creek Setback Levee

Soil name and description

LOAMY ALLUVIAL LAND SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-2 PERCENT. LANDFORM: Alluvial Flat; FROST FREE DAYS: 270-270; AVAILABLE WATER CAPACITY: 4.4-8.5"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.24; IRRIGATED CAPABILITY: 4S; NONIRRIGATED CAPABILITY: 4S; HYDRIC?: NO; PRIME FARMLAND?: NO; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: NOME

Map

Sn

Symbol

LISTED.

Soboba gravelly sandy loam

	SOBOBA GRAVELLY SANDY LOAM IS MORE THAN 60 INCHES DEEP
	WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1
	PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS:
	260-260; AVAILABLE WATER CAPACITY: 1.4-2.6"; WIND
	EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.20;
	IRRIGATED CAPABILITY: 4S; NONIRRIGATED CAPABILITY: 4S;
	HYDRIC?: NO; PRIME FARMLAND?: NO; MLRA: 17; MAJOR
	CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: NONE
	LISTED.
Sp	 Sycamore silt loam, drained
, P	Systemote site toam, drained
	SYCAMORE SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A
	LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1
	PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS:
4	280-280; AVAILABLE WATER CAPACITY: 10.2-12.0"; WIND
	EROSION INDEX FACTOR: 48; T FACTOR: 5; K FACTOR: 0.49;
	IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C;
	HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR
	CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND.
Tc	Tyndall very fine sandy loam, drained
	나는 아이를 하고 있는데 집에 잘 시민들을 걸리 나온 점심하는
	TYNDALL VERY FINE SANDY LOAM IS MORE THAN 60 INCHES
	DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF

0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS:
280-280; AVAILABLE WATER CAPACITY: 9.0-10.2"; WIND
EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.37;
IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C;
HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR
CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: NONE LISTED.

LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE Section C, Cache Creek Setback Levee

(Yields are those that can be expected under a high level of irrigated management by mapunit name. Absence of a yield indicates that the soil is not suited to the crop or the crop generally is not grown on the soil)

Map symbol and soil name	Land capability 	Alfalfa hay 	Corn	Grain sorghum	Pasture	Rice	Wheat	Almonds
		Tons	Bu	Bu	MUA	Bu	Bu	Lbs
Reiff	1							
/a Yolo		8.5	180					2,300
g Laugenour	 						 	
m Loamy Alluvial Land	 48							<u> </u>
n Soboba	45 48							
p Sycamore	1							
c Fyndall	 					[1] - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

PAGE 1 OF 1 09/18/01

PRIME FARMLAND Section D, Cache Creek Setback Levee

Map	Soil name
symbol	
Lg Mb Md	Laugenour very fine sandy loam (where irrigated) Maria silt loam (where irrigated) Maria silt loam, deep (where irrigated)
	Merritt silty clay loam, deep, drained (where irrigated)

Map Soil name and description Symbol Laugenour very fine sandy loam Lg

LISTED.

Maria silt loam

Maria silt loam, deep

Mb

Md

Mo

LAUGENOUR VERY FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 280-280; AVAILABLE WATER CAPACITY: 6.0-8.8"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.37; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: NONE

MARIA SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 280-280; AVAILABLE WATER CAPACITY: 9.6-11.9"; WIND EROSION INDEX FACTOR: 48; T FACTOR: 5; K FACTOR: 0.55; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND.

MARIA SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 280-280; AVAILABLE WATER CAPACITY: 9.2-10.5"; WIND EROSION INDEX FACTOR: 48; T FACTOR: 5; K FACTOR: 0.55; IRRIGATED CAPABILITY: 2S; NONIRRIGATED CAPABILITY: 4S; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND.

Merritt silty clay loam, deep, drained

Section D, Cache Creek Setback Levee

NONTECHNICAL SOILS DESCRIPTION REPORT

NONTECHNICAL SOILS DESCRIPTION REPORT Section D, Cache Creek Setback Levee

Map Symbol Soil name and description

MERRITT SILTY CLAY LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 275-275; AVAILABLE WATER CAPACITY: 9.0-10.4"; WIND EROSION INDEX FACTOR: 38; T FACTOR: 5; K FACTOR: 0.43; IRRIGATED CAPABILITY: 2S; NONIRRIGATED CAPABILITY: 4S; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: NONE LISTED.

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE Section D, Cache Creek Setback Levee

(Yields are those that can be expected under a high level of irrigated management by mapunit name. Absence of a yield indicates that the soil is not suited to the crop or the crop generally is not grown on the soil)

Map symbol and soil name	Land capability	Alfalfa hay	Corn	Grain sorghum	Pasture	Rice	Wheat	Almonds
		Tons	Bu	Bu	AUM	Bu	Bu	Lbs
Lg Laugenour	1							
Maria		8.5	160					2,300
ld Maria	28	8.0	145					2,000
Merritt	28							

PAGE 1 OF 1 09/18/01

PRIME FARMLAND CC Overlow Barrier

Map symbol	Soil name
BrA	 Brentwood silty clay loam, 0 to 2 percent slopes (where irrigated)
Ca	Capay silty clay (where irrigated)
ьg	Laugenour very fine sandy loam (where irrigated)
νIb	Maria silt loam (where irrigated)
1d	Maria silt loam, deep (where irrigated)
10	Merritt silty clay loam, deep, drained (where irrigated)
	Reiff very fine sandy loam (where irrigated)
3t	Sycamore silty clay loam, drained (where irrigated)
'c	Tyndall very fine sandy loam, drained (where irrigated)
7a	Yolo silt loam (where irrigated)
7b	Yolo silty clay loam (where irrigated)
	[마이크] 등 중 [마일드] 구시 (마일로 소로 다른도 주시되었다. 그로의 일본 그래에 사용되고 2인 (회사) 보고 2인 (회사) (회사) (회사) (회사) (회사) (사용기 (기사) (기사)

LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE CC Overlow Barrier

(Yields are those that can be expected under a high level of irrigated management by mapunit name. Absence of a yield indicate that the soil is not suited to the crop or the crop generally is not grown on the soil)

Map symbol and soil name	Land capability 	Alfalfa hay	Corn	Grain sorghum	Pasture	Rice	Wheat	Almonds
		Tons	Bu	Bu	AUM	Bu	Bu	Lbs
BrA Brentwood							55	500
Ca Capay	28	7.0	130			165	 85	
Lg Laugenour								
Ma Made Land	28							
Mb Maria	1	8.5	160					2,300
4d Maria	25	8.0	145		4			2,000
4o Merritt	28						 	
Ra Reiff	1.							

Sn Soboba4S] 			
st Sycamore1				- -		
Tc Tyndall 1		1				
Wb Willows 2W	1		 			
Ya Yolo 1	8.5	180	 		 L	2,300

PAGE 2 OF 09/18/

LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE--Continued CC Overlow Barrier

Map symbol	Land	Alfalfa hay	Corn	Grain sorghum	Pasture	Rice	Wheat	Almonds
and soil name	capability							
		Tons	Bu	Bu	AUM	Bu	Bu	Lbs
Yb		8.5	180					2,300
Yolo	1							

NONTECHNICAL SOILS DESCRIPTION REPORT CC Overlow Barrier

Map Symbol	Soil name and description
BrA	Brentwood silty clay loam, 0 to 2 percent slopes BRENTWOOD SILTY CLAY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-2 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 250-250; AVAILABLE WATER CAPACITY: 10.0-11.4"; WIND EROSION INDEX FACTOR: 38; T FACTOR: 5; K FACTOR: 0.32; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND.

CAPAY SILTY CLAY IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Basin-Floor Remnant; FROST FREE

DAYS: 280-280; AVAILABLE WATER CAPACITY: 8.4-9.6"; WIND EROSION INDEX FACTOR: 38; T FACTOR: 5; K FACTOR: 0.24; IRRIGATED CAPABILITY: 2S; NONIRRIGATED CAPABILITY: 4S; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR

Capay silty clay

INCLUDE: CROPLAND.

LISTED.

Lg Laugenour very fine sandy loam

0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 280-280; AVAILABLE WATER CAPACITY: 6.0-8.8"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.37; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: NONE

LAUGENOUR VERY FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF

CONSIDERATIONS: FLOODING, WATER TABLE; LANDUSE MAY

NONTECHNICAL SOILS DESCRIPTION REPORT CC Overlow Barrier

بعضف	
	MADE LAND VARIABLE IS MORE THAN 60 INCHES DEEP WITH A
	LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-2
	PERCENT. LANDFORM: Alluvial Flat; FROST FREE DAYS:
	270-270; AVAILABLE WATER CAPACITY: "; WIND EROSION
	INDEX FACTOR: NO DATA; T FACTOR: NO DATA; K FACTOR: NO DATA; IRRIGATED CAPABILITY: 2S; NONIRRIGATED
	CAPABILITY: 4S; HYDRIC?: ; PRIME FARMLAND?: NO; MLRA:
	17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE:
	NONE LISTED.
Mb	Maria silt loam
	MARIA SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A
	LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1
	PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS:
	280-280; AVAILABLE WATER CAPACITY: 9.6-11.9"; WIND
	EROSION INDEX FACTOR: 48; T FACTOR: 5; K FACTOR: 0.55;
	IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C;

HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND.

IRRIGATED CAPABILITY: 2S; NONIRRIGATED CAPABILITY: 4S;

Md Maria silt loam, deep

MARIA SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A

LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1
PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS:
280-280; AVAILABLE WATER CAPACITY: 9.2-10.5"; WIND
EROSION INDEX FACTOR: 48; T FACTOR: 5; K FACTOR: 0.55;

HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR
CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND.

Mo Merritt silty clay loam, deep, drained

MERRITT SILTY CLAY LOAM IS MORE THAN 60 INCHES DEEP

WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-1

PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: .

275-275; AVAILABLE WATER CAPACITY: 9.0-10.4"; WIND
EROSION INDEX FACTOR: 38; T FACTOR: 5; K FACTOR: 0.43;
IRRIGATED CAPABILITY: 2S; NONIRRIGATED CAPABILITY: 4S;
HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR
CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: NONE
LISTED.

Ra | Reiff very fine sandy loam

	NONTECHNICAL SOILS DESCRIPTION REPORT CC Overlow Barrier
Map Symbol	Soil name and description
	REIFF VERY FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 275-275; AVAILABLE WATER CAPACITY: 8.4-9.6"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.37; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: NONE LISTED.
Sn	Soboba gravelly sandy loam
	SOBOBA GRAVELLY SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 260-260; AVAILABLE WATER CAPACITY: 1.4-2.6"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.20; IRRIGATED CAPABILITY: 4S; NONIRRIGATED CAPABILITY: 4S; HYDRIC?: NO; PRIME FARMLAND?: NO; MLRA: 17; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: NONE LISTED.
St	Sycamore silty clay loam, drained
	SYCAMORE SILTY CLAY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 280-280; AVAILABLE WATER CAPACITY: 9.1-11.2"; WIND EROSION INDEX FACTOR: 38; T FACTOR: 5; K FACTOR: 0.43; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: YES; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND.
Tc .	Tyndall very fine sandy loam, drained
	TYNDALL VERY FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS:

280-280; AVAILABLE WATER CAPACITY: 9.0-10.2"; WIND EROSION INDEX FACTOR: 86; T FACTOR: 5; K FACTOR: 0.37; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: NONE LISTED.

| Willows clay

NONTECHNICAL SOILS DESCRIPTION REPORT CC Overlow Barrier

Map Symbol	Soil name and description
	WILLOWS CLAY IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Basin Floor; FROST FREE DAYS: 280-280;
	AVAILABLE WATER CAPACITY: 7.2-8.4"; WIND EROSION INDEX FACTOR: 38; T FACTOR: 5; K FACTOR: 0.28; IRRIGATED CAPABILITY: 2W; NONIRRIGATED CAPABILITY: 4W; HYDRIC?: YES; PRIME FARMLAND?: NO; MLRA: 17; MAJOR
	CONSIDERATIONS: FLOODING, WATER TABLE, SALINITY, SODICITY; LANDUSE MAY INCLUDE: CROPLAND.
ľa	Yolo silt loam
	YOLO SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 270-270; AVAILABLE WATER CAPACITY: 9.9-11.7"; WIND EROSION INDEX FACTOR: 48; T FACTOR: 5; K FACTOR: 0.43; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND.
ſb	Yolo silty clay loam
	YOLO SILTY CLAY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. LANDFORM: Alluvial Fan; FROST FREE DAYS: 270-270; AVAILABLE WATER CAPACITY: 10.2-11.7"; WIND
	EROSION INDEX FACTOR: 38; T FACTOR: 5; K FACTOR: 0.37; IRRIGATED CAPABILITY: 1; NONIRRIGATED CAPABILITY: 4C; HYDRIC?: NO; PRIME FARMLAND?: YES; MLRA: 17; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND.